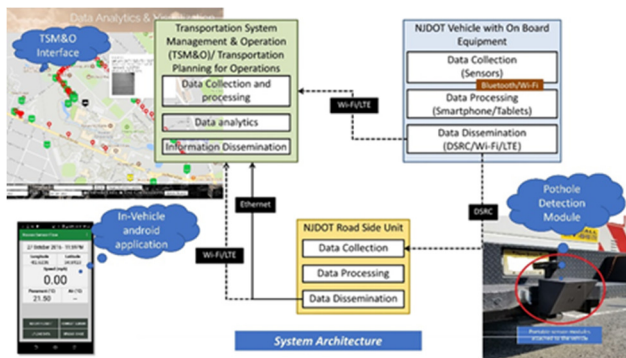# The Southern New Jersey Professional Societies

Presents:

"The Next Generation Transportation Data Analytics Cluster"
Dr. Parth Bhavsar, Dept. of Civil and Environmental Engineering Rowan University

The transportation system is transitioning from technology driven system to a data driven system. While, it is expected that the existing and evolving technologies in the transportation engineering will produce significant data, the researchers are still in the initial phase of converting this data into meaningful information. For any system, there are three primary steps that convert data into meaningful information; (1) Data collection/generation, (2) Data analysis, and (3) Data interpretation. This presentation will include (1) a unique mobile data collection system being developed by Rowan Smart Vehicle Research Group that can provide location specific data to any regional Transportation Systems Management & Operations (TSM&O) center; (2) a framework for core algorithms for the next generation transportation data analytics cluster (TransDAC); and (3) an example of data interpretation.

Wednesday, April 18, 2018
Location: Blue Heron Pines Golf Club

550 Country Club Dr, Egg Harbor City, NJ 08215
(609) 965-1800 Check their website for directions: www.blueheronpines.com

TIME:	Social Time: **6:00 PM**	Dinner: **6:30 PM**	Speaker Approx: **7:45 PM**
MENU:	Buffet style dinner		
COST:	$19 AIAA/IEEE/INCOSE Members, $23 ITEA/NSBE/HFES/Guests, $15 Students		

Reservations due by noon Tuesday, April 17th

Joe Burns	609-338-8789 (C)	jfburns54@ieee.org
Mike Konyak	609-280-8179 (C)	snj.aiaa@gmail.com